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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/680,603	10/08/2000	Mark Yablonski	020431.0990	5144
53184 7590 06/23/2009 i2 TECHNOLOGIES US, INC. ONE i2 PLACE, 11701 LUNA ROAD DALLAS, TX 75234				
EXAMINER				
WANG, JIN CHENG				
ART UNIT		PAPER NUMBER		
2628				
MAIL DATE		DELIVERY MODE		
06/23/2009		PAPER		

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

**Advisory Action  
Before the Filing of an Appeal Brief**

**Application No.**

09/680,603

**Applicant(s)**

YABLONSKI ET AL.

**Examiner**

JIN-CHENG WANG

**Art Unit**

2628

**--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

THE REPLY FILED 10 June 2009 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1. ☒ The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:

- a) ☒ The period for reply expires 3 months from the mailing date of the final rejection.  
b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.  
Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**NOTICE OF APPEAL**

2. ☐ The Notice of Appeal was filed on \_\_\_\_\_. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

**AMENDMENTS**

3. ☒ The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because  
(a) ☒ They raise new issues that would require further consideration and/or search (see NOTE below);  
(b) ☐ They raise the issue of new matter (see NOTE below);  
(c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or  
(d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: \_\_\_\_\_. (See 37 CFR 1.116 and 41.33(a)).

4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).  
5. ☐ Applicant's reply has overcome the following rejection(s): \_\_\_\_\_.  
6. ☐ Newly proposed or amended claim(s) \_\_\_\_\_ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).  
7. ☒ For purposes of appeal, the proposed amendment(s): a) ☒ will not be entered, or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.  
The status of the claim(s) is (or will be) as follows:  
Claim(s) allowed: \_\_\_\_\_.  
Claim(s) objected to: \_\_\_\_\_.  
Claim(s) rejected: 47, 48, 50-56, 58-66, 68, 70 and 72.  
Claim(s) withdrawn from consideration: \_\_\_\_\_.

**AFFIDAVIT OR OTHER EVIDENCE**

8. ☐ The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).  
9. ☐ The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing of good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).  
10. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

**REQUEST FOR RECONSIDERATION/OTHER**

11. ☒ The request for reconsideration has been considered but does NOT place the application in condition for allowance because:  
See below.  
12. ☐ Note the attached Information *Disclosure Statement(s)*. (PTO/SB/08) Paper No(s). \_\_\_\_\_  
13. ☐ Other: \_\_\_\_\_.

/Jin-Cheng Wang/  
Primary Examiner, Art Unit 2628

Continuation of Item 3(a): The new amendment filed 6/10/2009 raises new issues and requires further consideration and/or search....

Continuation of Item 11:

Strasnick teaches that the z-axis dimension is associated with the filter levels and heights that are selectable data objects/blocks and therefore the value hierarchies are associated with the selectable data objects/blocks and the top layer hierarchy at the z-axis dimension at the top of the filter levels is a selectable data object. The top layer hierarchy associated with the filter levels and heights are clearly perpendicular with the x-axis and y-axis. Strasnick teaches the third dimension axis—product items arranged in the value hierarchies wherein the value hierarchies are arranged in terms of the product items and each of the product items (parent hierarchies at the third dimension axis) is further divided into the product item sales and the product item quota (children hierarchies at the third dimension axis) wherein the product item sale represented by the heights and colors. Finally, the third axis also includes "ALL" hierarchy as a summarization for all product items in relation to the x-axis and y-axis attributes. Strasnick further teaches at column 22, lines 20-37 that the present invention defines a set of data attributes, maps the set of data attributes into a 3D display space, enables navigation through the 3D display space and displays objects in the display space as columns/walls of different heights. Strasnick teaches at Fig. 7 display controls for the "ALL" hierarchy as well as "Gadget", "Widget", "Gizmo" and "Dohicky" hierarchies associated with the third dimension product axis so as to select one or more hierarchies to be displayed. Having the teaching at Figs. 7 and 14, the multi-level hierarchy navigation at the third dimension axis is amply taught in Strasnick. Thus, Strasnick teaches a top layer hierarchy associated with the first dimension axis—sales by hierarchical regions or employee organizations wherein "ALL" defines all regions. Strasnick teaches a top layer hierarchy associated with the second dimension axis—the time hierarchy defined by year/quarter/months wherein "YEAR" defines a top layer hierarchy for all quarters. Strasnick teaches a top layer hierarchy "ALL" associated with a third axis dimension and "ALL" together with the first axis dimension and the second axis dimension defines a wall plane parallel to the x-axis and y-axis. Strasnick teaches a mathematical summarization "ALL" at the third dimension of the plurality of function values associated with each of the top layer hierarchies "ALL" at the first and second dimensions of the multi-dimensional axes data hierarchy.

Strasnick discloses a multi-dimensional value hierarchy defined by "Gadget", "Widget", "Gizmo" and "Dohicky" associated with each of the function values of the multi-dimensional axes data hierarchy. In a non-limiting example, Strasnick clearly teaches in Fig. 2a, Fig. 7 and 14 and column 22 a top layer hierarchy (e.g., the product cells such as "ALL" for all products as the hierarchy is controlled by the display control) associated with a first axis dimension (x-axis hierarchy when the function values are associated with the product cells; see column 6, lines 43-67, non-leaf cells or parent cells are regarded as cells in a top layer hierarchy) and a top layer hierarchy ("ALL" for a total of the first quarter, second quarter, third quarter and fourth quarter of Sales data and the hierarchy is controlled by the display control; see column 22, lines 10-67; see also column 16, lines 45-67 for the displayed objects along the y-axis dimension wherein the displayed objects in the y-axis dimension are in the hierarchical structure) associated with a second axis dimension (y-axis). Strasnick thus teaches a first wall graphical user interface grid characterized by a summarization of the product cells as "ALL" for all products wherein the user interface element representing "ALL" is controllable by the display control as a summarization of the product cell values associated with the top layer "products" hierarchies. Strasnick discloses in Fig. 10B, 11 and column 22, the value hierarchies in a 3D space arranged in layers of walls including a front wall/layer graphical user interface grid in front of other layers and a summarized wall/layer graphical user interface grid within the layers of value hierarchies. Strasnick teaches a summarization layer graphical user interface grid to summarize the function values associated with the top layer hierarchies as well as lower layer hierarchies. The function values include the summarized values associated with the top layer hierarchies wherein the function values are represented in different heights and colors to indicate the attributes of the data and the values may be summarized in a three-dimensional graph display—the summarization provides a summarized graphical user interface level for the function values associated with the top layer hierarchies of the multi-dimensional axes data hierarchy. See Fig. 11 wherein the data value hierarchies are associated with the three-dimensional graph having the first dimension axis—sales by regions or employee organizations, the second dimension axis—year/quarter/months, and the third dimension axis—product items arranged in the value hierarchies wherein the value hierarchies are arranged in terms of the product items and each of the product items (parent hierarchies at the third dimension axis) is further divided into the product item units, product item quota and product item sales (children hierarchies at the third dimension axis) wherein the product item sale represented by the heights and colors. Strasnick further teaches at column 22, lines 20-37 that the present invention defines a set of data attributes, maps the set of data attributes into a 3D display space, enables NAVIGATION through the 3D display space and displays objects in the display space as columns/walls of different heights.

Strasnick teaches at Fig. 7 display controls for the "ALL" hierarchy as well as "Gadget", "Widget", "Gizmo" and "Dohicky" hierarchies associated with the third dimension product axis so as to select one or more hierarchies to be displayed. Having the teaching at Figs. 7 and 14, the multi-level hierarchy navigation at the third dimension axis is amply taught in Strasnick. Finally, the third axis also includes "ALL" hierarchy as a summarization for all product items in relation to the x-axis and y-axis attributes. Strasnick clearly teaches that the sales and quota of product items are represented by the height and color and thereby a summarization of the value hierarchies is taught by Strasnick.